

**This Page Is Inserted by IFW Operations
and is not a part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problems Mailbox.**



Industry Canada

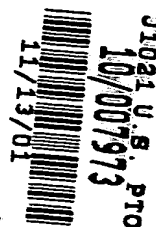
Patent Office

Certification

Industrie Canada

Bureau des brevets

Certification



The documents attached hereto and identified below are hereby certified to be true copies of the papers on file in the Patent Office of Canada.

Il est certifié par les présentes que les documents ci-joints, dont la liste figure ci-dessous, sont des copies authentiques des documents déposés au Bureau des brevets du Canada.

Specification and Drawings, as originally filed, with Application for Patent Serial No. 2,138,360, on December 16, 1994, by **Moli Energy (1990) Limited**, assignee of Yinghu Liu and Jeffery R. Dahn, for "Pre-Graphitic Carbonaceous Insertion Compounds and Use as Anodes in Rechargeable Batteries".

In testimony whereof I have set my hand and caused the Seal of the Patent Office to be hereunto affixed at Hull, Canada, on 95/11/28

En foi de quoi j'ai signé les présentes et y ai fait apposer le sceau du Bureau des brevets à Hull, Canada, le



Canada

Attesting Officer—Certificateur

OPIC
Office de la Propriété
Intellectuelle du Canada



CIPO
Canadian Intellectual
Property Office

Ottawa Hull K1A 0S6

(21) (A1)	2,138,360
(22)	1994/12/16
(43)	1996/06/17

(51) Int.Cl. ⁵ C01B 31/02; H01M 4/60; H01M 10/00; C01D 15/00

(19) (CA) APPLICATION FOR CANADIAN PATENT (12)

(54) Pre-Graphitic Carbonaceous Insertion Compounds and Use
as Anodes in Rechargeable Batteries

(72) Liu, Yinghu - Canada ;
Dahn, Jeffery R. - Canada ;

(71) Moli Energy (1990) Limited - Canada ;

(57) 27 Claims

Notice: This application is as filed and may therefore contain an
incomplete specification.



Industrie Canada Industry Canada

3489

Canada



Industry Canada

Patent Office

Certification

Industrie Canada

Bureau des brevets

Certification

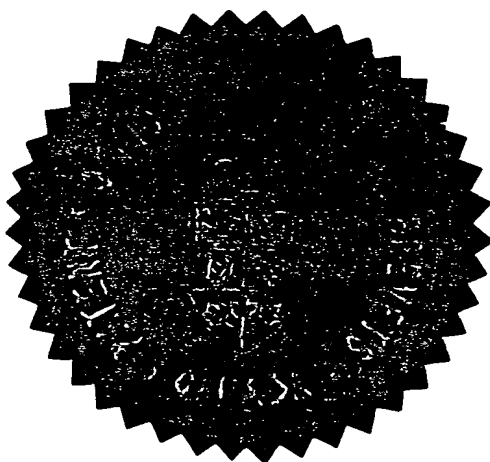
The documents attached hereto and identified below are hereby certified to be true copies of the papers on file in the Patent Office of Canada.

Il est certifié par les présentes que les documents ci-joints, dont la liste figure ci-dessous, sont des copies authentiques des documents déposés au Bureau des brevets du Canada.

Specification and Drawings, as originally filed, with Application for Patent Serial No. 2,146,426, on April 5, 1995, by **Moli Energy (1990) Limited**, assignee of Ulrich Von Sacken, Qiming Zhong, Tao Zheng and Jeffery R. Dahn, for "Phenolic Resin Precursor Pre-Graphitic Carbonaceous Insertion Compounds and Use as Anodes in Rechargeable Batteries".

In testimony whereof I have set my hand and caused the Seal of the Patent Office to be hereunto affixed at Hull, Canada, on 95/11/28

En foi de quoi j'ai signé les présentes et y ai fait apposer le sceau du Bureau des brevets à Hull, Canada, le



S. Gregoire
Attesting Officer—Certificateur

Canada

OPIC
OFFICE DE LA PROPRIÉTÉ
INTELLECTUELLE DU CANADA



Château Hill K1A 0L9

CIPO
CANADIAN INTELLECTUAL
PROPERTY OFFICE

(21)	(A1)	2,146,426
(22)		1995/04/05
(43)		1996/10/06

(51) Int.Cl. ⁶ H01M 4/24

(19) (CA) APPLICATION FOR CANADIAN PATENT (12)

(54) Phenolic Resin Precursor Pre-Graphitic Carbonaceous
Insertion Compounds and Use as Anodes in Rechargeable
Batteries

(72) von Sacken, Ulrich - Canada ;
Zhong, Qiming - Canada ;
Zheng, Tao - Canada ;
Dahn, Jeffery R. - Canada ;

(71) Moli Energy (1990) Limited - Canada ;

(57) 21 Claims

Notice: This application is as filed and may therefore contain an
incomplete specification.



Industrie Canada Industry Canada

Canada



Industry Canada

Patent Office

Certification

Industrie Canada

Bureau des brevets

Certification

The documents attached hereto and identified below are hereby certified to be true copies of the papers on file in the Patent Office of Canada.

Il est certifié par les présentes que les documents ci-joints, dont la liste figure ci-dessous, sont des copies authentiques des documents déposés au Bureau des brevets du Canada.

Specification and Drawings, as originally filed, with Application for Patent Serial No. 2,149,853, on May 19, 1995, by **Moli Energy (1990) Limited**, assignee of Jiayu Simon Xue, Alfred MacDonald Wilson and Jeffery Raymond Dahn, for "Pre-Graphitic Carbonaceous Insertion Compounds and Use as Anodes in Rechargeable Batteries".

In testimony whereof I have set my hand and caused the Seal of the Patent Office to be hereunto affixed at Hull, Canada, on 95/11/28

En foi de quoi j'ai signé les présentes et y ai fait apposer le sceau du Bureau des brevets à Hull, Canada, le



Canada

L. Bregouie

Attesting Officer—Certificateur



Ottawa Hull K1A 0C9

(21) (A1)	2,149,853
(22)	1995/05/19
(43)	1996/11/20

(51) Int.Cl. ⁶ H01M 4/58; C10B 10/53; H01M 6/14

(19) (CA) APPLICATION FOR CANADIAN PATENT (12)

(54) Pre-Graphitic Carbonaceous Insertion Compounds and Use
as Anodes in Rechargeable Batteries

(72) Xue, Jiayu Simon - Canada ;
Wilson, Alfred MacDonald - Canada ;
Dahn, Jeffery Raymond - Canada ;

(71) Moli Energy (1990) Limited - Canada ;

(57) 33 Claims

Notice: This application is as filed and may therefore contain an
incomplete specification.

